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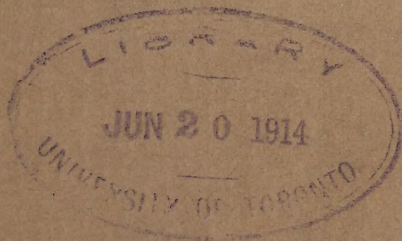
JUNE 15, 1914

New York (State) Univ. of.

Division of Vocational Schools

A LIST OF HELPFUL PUBLICATIONS CONCERN- ING VOCATIONAL INSTRUCTION

PREPARED BY
LEWIS A. WILSON
Specialist in Industrial Schools



THE UNIVERSITY OF THE
STATE OF NEW YORK
ALBANY
1914



THE UNIVERSITY OF THE STATE OF NEW YORK

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Vocational Schools, ARTHUR D. DEAN D.Sc.

University of the State of New York Bulletin

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JUNE 15, 1914

Division of Vocational Schools

A LIST OF HELPFUL PUBLICATIONS CONCERN- ING VOCATIONAL INSTRUCTION

INTRODUCTORY NOTE

This bibliography has been issued at the request of a number of teachers for a list of text and reference books which would be helpful in their classroom work as well as an aid in a wise selection of general literature on vocational instruction for their own self-improvement.

No attempt has been made to list all the books dealing with vocational instruction. The titles presented were selected after a careful examination of a large number of books and while every care has been taken to obtain complete lists and to select intelligently from an extended field, it is possible and even likely that some most excellent books have been overlooked. This division will welcome the title of any book which, in the opinion of the reader, should be added to this list. Very likely supplementary lists will be issued from time to time.

It is not possible for a teacher to present the subject matter effectively unless he knows the educational and industrial aims of vocational instruction. There is hardly a public library in the State that would refuse to place on its shelves all or nearly all the books mentioned as suitable for general reading purposes.

Undoubtedly every teacher can obtain at a comparatively slight expense copies of the reports and bulletins listed. Many of them are free and all of them are of inestimable value. They contain courses of study, illustrations, outlines, valuable statistical material and definite data obtained from extensive investigations. In fact, it is almost possible to build up a working library out of national, state and city publications. There has never been a time when so much valuable material on vocational education was available by the exercise of a little initiative on the part of a teacher. The United States Bureau of Education has published at frequent intervals most

helpful material. The National Society for the Promotion of Industrial Education distributes to its members bulletins and reports which record the advance of vocational education, and a complete set of its reports practically constitutes an up-to-date survey of this new movement. For the mere asking the United States Departments of Labor and Agriculture stand ready to distribute documents which may promote professional growth and give valuable aid to classroom instruction.

It is difficult to see how a teacher can do effective work without reference books dealing with the subject matter which he teaches. The technic of the vocation is constantly changing and every teacher should be up to date. Teachers of shop and laboratory work should not rely upon past knowledge and teaching experience which is expected to fit pupils to meet the demands of the vocational life which has changed from the day when the teachers learned their trades. The teachers of mathematics and science should not expect to find all their teaching material in one book. There are many books and practical, technical guides with which the teacher should be familiar. Every vocational school or department should have its library of helpful reference material. Vocational instruction requires these reference books in the same way and to the same extent as any other school work.

It is hardly possible for the pupil to receive efficient instruction unless he has access to helpful books. For example, how can a boy attend a printing school and learn to exercise the habit of self-improvement after he leaves school unless he is taught how to use technical magazines, to seek information in the technical aspects of his chosen craft while in school? And again, how can a girl learn effective millinery designs and gain the habit of seeking for the latest and best in styles unless when receiving instruction she has access to a good millinery publication?

Vocational instruction has or should have more to it than mere technic or handwork. It is not sufficient for a boy to be taught to bend hot iron or to make a weld; he should be taught the theory underlying the practice. No one desires merely a mechanical-minded trade worker. In this industrial age, the craft or vocation will never produce a thinking worker unless its youth has instilled in it before it leaves school, the desire to know the why as well as the how of the trade. The automatic teacher is as deadening as the automatic machine. Whatever spirit the teacher expresses in his teaching is likely to be imitated by the pupil after he leaves school. The girl who is told to "do this" and then to "do that" in a cooking

class without reference to the thought side of the work is likely to follow blindly all the days of her life the habit of thoughtlessness originally imparted by her teacher. The vocational school should create the student habit.

Slides, photographs and exhibits of materials should form a part of the instruction. The Division of Visual Instruction has most helpful material in the shape of slides and photographs. Many industrial concerns will loan or donate materials for exhibition purposes. When one starts out to collect for illustrative purposes, he is astonished by the amount of excellent material which is his for the asking.

A space has been left at the end of each section for the teacher to write in the names of additional books, reference material or aids in teaching which may have come to his attention, or new material which will be issued after he has received this bulletin.

If the individual teacher will exercise some initiative on his own part in procuring for his own use some of the material furnished in these lists, if he will take steps to have some material furnished by the local authorities to the school library, if he will advise that the local library furnish a few books on vocational instruction for the adult reading public and the pupils in the vocational schools, if he will avail himself of the services of the Division of Visual Instruction, the New York State Library, the other state and national departments, I am sure that vocational instruction within the State will reach a higher plane of efficiency.

ARTHUR D. DEAN

Chief, Division of Vocational Schools

GENERAL READING

Books

- Carlton, F. T.** Educational and Industrial Evolution. Macmillan. 1908. \$1.25n
- Cooley, A. M.** Domestic Art in Woman's Education. Scribners. 1911. \$1.25n
- Davenport, E.** Education for Efficiency. Heath. 1909. \$1
- Dean, A. D.** The Worker and The State. Century. 1910. \$1.20n
- Hanus, P. H.** Beginnings in Industrial Education. Houghton. 1908. \$1
- Kirschensteiner, G. M. A.** Education for Citizenship. Rand. 1911. 75c
- The Idea of the Industrial School. Macmillan. 1913. 50c
- Leake, A. H.** Industrial Education. Houghton. 1913. \$1.25n
- Leavitt, F. M.** Examples of Industrial Education. Ginn. 1912. \$1.25n
- Monroe, J. P.** New Demands in Education. Doubleday. 1912. \$1.25n
- Person, H. S.** Industrial Education. Houghton. 1912. \$1n
- Redfield, W. C.** New Industrial Day. Century. 1912. \$1.25
- Sadler, M. E.** Continuation Schools in England and Elsewhere. University Press, Manchester. 1908. 8/6n
- Smith, W. H.** All the Children of All the People. Macmillan. 1912. \$1.50
- Snedden, D.** The Problem of Vocational Education. Houghton. 1910. 35c
- Weeks, R. M.** The People's School. Houghton. 1912. 60c
- Woolman, Mrs M. S.** The Making of a Trade School. Whitcomb. 1910. 50c

Reports

- American Federation of Labor.** Industrial Education. Report on Industrial Education of the American Federation of Labor. Compiled and edited by C. H. Winslow. Senate Document 36. Government Printing Office, Washington, D. C.
- Bureau of Labor.** Eighth Annual Report of the United States Commissioner of Labor on Industrial Education. U. S. Commissioner of Labor, Washington, D. C.

- Bureau of Labor.** Seventeenth Annual Report of the United States Commissioner of Labor on Trade and Technical Education, 1902. Government Printing Office, Washington, D. C. Cloth 90c
- Twenty-fifth Annual Report of the United States Commissioner of Labor on Industrial Education. 1910. U. S. Commissioner of Labor. Washington, D. C.
- 1910-12 Report on Condition of Women and Children Wage Earners in the United States: v. 7, Conditions Under Which Children Leave School to Go to Work; v. 18, Employment of Women and Children in Selected Industries. U. S. Commissioner of Labor, Washington, D. C.
- Canada.** Report of the Royal Commission on Industrial Training and Technical Education, 1913. C. H. Parmelee, Ottawa, Canada
- City Club of Chicago.** Report on Vocational Training in Chicago and Other Cities, 1912. City Club of Chicago, Chicago, Ill. \$1.50
- Commercial Club of Chicago.** Report on Vocational Education in Europe. E. G. Cooley. McClurg. 1912. \$1
- Indiana.** Report of the Commission on Industrial and Agricultural Education, 1912. William B. Burford, Indianapolis, Ind.
- Massachusetts.** Second Annual Report of the Committee on Industrial and Technical Education, 1908. Public Document 76. Wright & Potter, Boston, Mass.
- Special Report on "The Needs and Possibilities of Part-time Education," 1913. Wright & Potter, Boston, Mass.
- New Jersey.** Report of Committee on Industrial Education, 1908. MacCrellish & Quigley, Trenton, N. J.
- New York.** Twenty-sixth Annual Report of Commissioner of Labor. 1908. Part 1, Industrial Training. Bureau of Labor, Albany, N. Y.
- Industrial Directory of New York, 1913. New York State Department of Labor, Albany, N. Y.
- Ontario.** Education for Industrial Purposes. A report by John Seath, Superintendent of Education for Ontario, Canada, 1911. L. K. Cameron, Toronto, Ontario.
- Bulletin 2, 1912. Industrial, Technical and Art Education. L. K. Cameron, Toronto, Ontario.
- Wisconsin.** Report of Commission upon the Plan for the Extension of Industrial and Agricultural Training. 1911. Democrat Printing Company, Madison, Wis.

Bulletins

- Bureau of Education.** Bulletin 6, 1908. The Apprenticeship System in Its Relation to Industrial Education. Carroll D. Wright. Government Printing Office, Washington, D. C. 15c
- Bulletin 10, 1912. Bibliography of Education in Agriculture and Home Economics. Government Printing Office, Washington, D. C. 15c
- Bulletin 9, 1913. Consular Reports on Continuation Schools in Prussia. U. S. Com'r of Education, Washington, D. C.
- Bulletin 17, 1913. A Trade School for Girls. U. S. Com'r of Education, Washington, D. C.
- Bulletin 19, 1913. German Industrial Education and Its Lessons for the United States. Holmes Beckwith. Government Printing Office, Washington, D. C. 15c
- Bulletin 22, 1913. Bibliography of Industrial, Vocational and Trade Education. U. S. Com'r of Education, Washington, D. C.
- Bulletin 24, 1913. Education in Germany and the United States. G. M. A. Kerschensteiner. Government Printing Office, Washington, D. C. 5c
- Bulletin 25, 1913. Industrial Education in Columbus, Georgia. Roland B. Daniel. Government Printing Office, Washington, D. C. 5c
- Bulletin 50, 1913. The Fitchburg Plan of Co-operative Education. M. R. McCann. U. S. Com'r of Education, Washington, D. C.
- Bulletin 54, 1913. Consular Reports on Industrial Education in Germany. U. S. Com'r of Education, Washington, D. C.
- Bulletin 4, 1914. The School and the Start in Life. Myer Bloomfield. U. S. Com'r of Education, Washington, D. C.
- Bureau of Labor.** Bulletin 67, November 1906. Conditions of Entrance to Principal Trades. Government Printing Office, Washington, D. C.
- Teachers College.** Technical Education Bulletin 10. Fundamental Values in Industrial Education. F. G. Bonser.
- Wisconsin.** Bulletin 3. Industrial Education. H. E. Miles. 1912. State Board of Industrial Education, Madison, Wis.
- Bulletin 4. The Education of the Girl. L. D. Harvey. 1912. State Board of Industrial Education, Madison, Wis.
- Bulletin 5. Industrial and Continuation Schools. L. E. Reber. 1912. State Board of Industrial Education, Madison, Wis.

National Society for the Promotion of Industrial Education

C. A. Prosser, secretary, 105 E. 22d st., New York City

The Society has published and distributed to its members and others the following bulletins:

- No. 1. Proceedings of the Organized Meetings
- No. 2. A Selected Bibliography on Industrial Education
- No. 3. A Symposium on Industrial Education
- No. 4. Industrial Education for Women
- Nos. 5 and 6. Proceedings of First Annual Meeting, Chicago
- No. 7. General Information Regarding the National Society for the Promotion of Industrial Education
- No. 8. Education of Workers in the Shoe Industry, by A. D. Dean
- No. 9. Proceedings of the Second Annual Meeting, Atlanta
- No. 10. Proceedings of the Third Annual Meeting, Milwaukee
- No. 11. A Descriptive List of Trade and Industrial Schools in the United States
- No. 12. Legislation upon Industrial Education in the United States
- No. 13. Proceedings of the Fourth Annual Meeting, Boston
 - Pt 1. Trade Education for Girls
 - Pt 2. Apprenticeship and Corporation Schools
 - Pt 3. Part-time and Evening Schools
 - Pt 4. The Social Significance of Industrial Education
- No. 14. The Trade Continuation Schools of Munich. A lecture by G. M. A. Kerschensteiner, director of education, Munich, Bavaria, and the translation of the curricula of selected schools as given in the official report for 1910
- No. 15. Proceedings of the Fifth Annual Meeting, Cincinnati
- No. 16. Proceedings of the Sixth Annual Meeting, Philadelphia
- No. 17. Short Unit Course for Evening Trade Extension and Part-time Trade Extension Schools
- No. 18. Proceedings of Seventh Annual Meeting, Grand Rapids, 1913
- No. 19. The Selection and Training of Teachers

Reprints

- The School and the Shop, from the Employer's Point of View, by Howell Cheney
- The Training of the Factory Worker Through Industrial Education, by Charles Prosser
- How Shall the Obligation to Provide Industrial Education Be Met?
- The Viewpoints of the Manufacturer and the Employer, by H. E. Miles

- The Viewpoint of Organized Labor, by Frank Duffy
 Why Federal Aid for Vocational Education, by C. A. Prosser
 Principles and Policies in State Legislation for Vocational Education
 Vocational Education Legislation, 1910-11, by C. A. Prosser
 Facilities for Industrial Education, by C. A. Prosser
 Practical Arts and Vocational Education, by C. A. Prosser
 The Place of Arts in Industrial Education, by C. A. Prosser
 Vocational Education Legislation, 1912-13, by C. A. Prosser
 The Meaning of Industrial Education, by C. A. Prosser
 Progress in Vocational Education, by C. A. Prosser
 A Plea for Practical Education: Excerpts from Recent Addresses
 of William C. Redfield
 What Chambers of Commerce Can Do for Vocational Education,
 by A. E. Dodd

TEXTBOOKS, REFERENCE BOOKS, AND PAMPHLETS

Shop mathematics

- Blake, C. F.** Mathematics of Machine Design. Industrial Press.
 1908. 25c
Breckenridge, W. E., Mersereau, S. F., & Moore, C. F. Shop
 Problems in Mathematics. Ginn. 1910. \$1
Cobb, H. E. Elements of Applied Mathematics. Ginn. 1911.
 \$1n
Colvin, F. H. & Cheney, W. L. Machine Shop Arithmetic.
 Henley. 1912. 50c
 ——— Engineer's Arithmetic. Henley. 1908. 50c
Gardner, M. L. Industrial Arithmetic for Girls' Trade Schools.
 Heath. 1910. 50c
Holten, E. E. Shop Mathematics. Taylor-Holden. 1910. \$1.25
Howe, G. Mathematics for the Practical Man. VanNostrand.
 1912. \$1.25
Marsh, H. W. Industrial Mathematics. Wiley. 1912. \$2
Merriman, M. Strength of Materials. Wiley. 1906. \$1
Norris, E. B. & Smith, K. G. Shop Mathematics. Pt 1, Shop
 Arithmetic. McGraw-Hill. 1912. \$1.50
Norris, E. B. & Craigo. Shop Mathematics. Pt 2, Advanced
 Mathematics. McGraw-Hill. (*In press*)

- Oberg, E. V.** Shop Arithmetic for the Machinist. Industrial Press. 1911. 25c
 ——— Advanced Shop Arithmetic for the Machinist. Industrial Press. 1910. 25c
 ——— Tables and Formulas for Shop and Drafting Room. Industrial Press. 1909. 25c
Palmer, C. I. Practical Mathematics. McGraw-Hill. 1912. 75c ea.
 Pt 1. Arithmetic with Applications
 Pt 2. Geometry with Applications
 Pt 3. Algebra with Applications
 Pt 4. Trigonometry with Applications
Pratt, J. A. Materials and Construction. Blakistons. 1912. 90c

Mechanical Drawing — machine design

- Babbitt, A. B.** Mechanical Drawing: Working Drawings. Holt. 1911. \$1n
Blaine, R. G. Practical Mechanics and Machine Design. Cassell. \$1
Evans, F. H. Drafting Room Series. Manual Arts Press. 1913. \$2 complete
 Pt 1. Reading Machine Drawings 75c
 Pt 2. Machine Drafting \$1.25
 Pt 3. Interference of Moving Parts 95c
French, T. E. Manual of Engineering Drawing. McGraw-Hill. 1911. \$2
Griffin, C. L. Machine Drawing. Am. Cor. Sch. 1912. \$1.50
 ——— Machine Design. Am. Cor. Sch. 1912. \$1.50
Leeds, C. C. Mechanical Drawing for Trade Schools. VanNostrand. 1911. \$1.25n
Mathewson, F. E. Applied Mechanical Drawing. Taylor-Holden. 1911. \$1
Miller, H. W. Mechanical Drafting. Manual Arts Press. 1912. \$1.50
Rautenstrauch, W. & Williams, J. T. Machine Drafting and Empirical Design. Pt 1. Van Nostrand. 1907. \$1.25
Spooner, H. J. Machine Design, Construction and Drawing. Longmans. 1910. \$3.50n
 Machinery's Reference Series. Industrial Press. 1912. 25c ea.
 Systems and Practice of the Drafting Room
 Mechanical Drawing — Machine Details
 Mechanical Drawing — Cam Design

Architectural drawing

- Edminster, C. F.** Architectural Drawing. Williams. 1905. \$2
- Hering, O. C.** Concrete and Stucco Houses. McBride. 1912. \$2
- Jackson, A. W.** Half Timber House. McBride. 1912. \$2
- Radford, W. A.** Details of Building Construction. Radford Arch. Co. 1911. \$1
- Tuckerman, A. L.** Vignola. Comstock. \$5
- Tuthill, W. B.** Practical Lessons in Architectural Drawing. Comstock. 1907. \$2.50
- Architectural Drawing and Lettering. Am. Cor. Sch. 1913. \$1.50

Furniture design

- Benn, R. D.** Style in Furniture. Longmans. 1904. \$6n
- Nye, A. C.** Furniture Designing and Draughting. Comstock. 1907. \$2
- Singleton, E.** Furniture. Duffield. 1911. \$7.50n

Printing design

- Andrews, E. C.** Color and Its Application to Printing. Inland Printer. 1911. \$2
- Treize, F. J.** Design and Color in Printing. Inland Printer. 1909. \$1
- Letters and Letter Construction. Inland Printer. 1911. \$2

Free-hand sketching

- Cross, A. K.** Freehand Drawing. Ginn. 1895. 80c
- Norton, Dora M.** Freehand Perspective and Sketching. Pratt Institute. 1909. \$3
- Mathewson, Frank.** Perspective Sketching from Working Drawings. Taylor-Holden. 1908. \$1.10

Household decoration

- Bevier, Isabel.** The House, Its Plan, Decoration and Care. Dodd. 1912. \$2
- Clifford, C. R.** Period Furnishings. Clifford. 1911. \$5
- Daniels, F. H.** The Furnishing of a Modest Home. Atkinson. 1908. \$1n
- Duncan, J. H. E.** The House Beautiful and Useful. Cassell. 1911. \$2.50n
- French, L. H.** Homes and Their Decoration. Dodd. 1903. \$3n
- Preistman, M. T.** Art and Economy in Home Decoration. Lane. 1912. \$1n
- Ripley, M. C.** Oriental Rug Book. Stokes. 1904. \$3.20n
- Vollmer, W. A.** A Book of Distinctive Interiors. McBride. 1913. \$1
- Wheeler, C.** Principles of Home Decoration with Practical Examples. Doubleday. 1903. \$1.50

Pamphlets

The following pamphlets are issued by the New York State College of Agriculture, Ithaca, N. Y., Cornell Reading Courses

Farm House Series No. 1. Household Decoration

Farm House Series No. 2. Household Furnishing

Costume design

- Earle, A. M.** Two Centuries of Costume in America. Macmillan. 1910. \$2.50n
- Hammond, E. C.** Industrial Drawing for Girls. Redfield. 1912. \$1.50

Reading

- Benton, C. F.** Living on a Little. Estes. 1908. \$1.25
- Curtis, I. G.** The Making of a Housewife. Stokes. 1906. \$1.35n
- Dunn, A. W.** The Community and the Citizen. Heath. 1907. 75c
- Everett, C. C.** Ethics for Young People. Ginn. 1904. 50c
- Forman, S. E.** Stories of Useful Inventions. Century. 1911. \$1n

- Meadowcroft, W. H.** The Boy's Life of Edison. Harper. 1911.
\$1.25
- Mills, J. C.** Searchlights on Some American Industries. McClurg. 1911. \$1.50n
- Mowry, W. A. & A. M.** American Inventions and Inventors. Silver. 1903. 65cn
- Parton, J.** Captains of Industry. Houghton. 1894. \$1.25
- Rocheleau, W. F.** Great American Industries. Flanigan
First Book: Minerals. 1896. 50c
Second Book: Products of the Soil. 1896. 50c
Third Book: Manufactures. 1896. 50c
Fourth Book: Transportation. 1910. 60c

Williams, S. Some Successful Americans. Ginn. 1904. 60cn

Vocational guidance

- Bloomfield, M.** Vocational Guidance of Youth. Houghton. 1911. 60c
- Butler, E. B.** Women and the Trades. Pittsburgh Survey. Charities Pub. Co. \$1.50
- Laselle, M. A. & Wiley, K. E.** Vocations for Girls. Houghton. 1913. \$1
- Parsons, F.** Choosing a Vocation. Houghton. 1912. \$1n
- Perkins, A. F.** Vocations for the Trained Woman. Longmans. 1911. \$1.20n
- Puffer, J. A.** Vocational Guidance. Rand. 1913. \$1.25
- Richardson, A. S.** The Girl Who Earns Her Own Living. Dodge. 1909. \$1
- Weaver, E. W.** Vocations for Girls. Barnes. 1913. 75c

Industrial history and geography

- Adams, C. C.** Elementary Commercial Geography. Appleton. 1909. \$1.10n
- Allen, N. B.** Industrial Studies. Ginn. 1910. 65c
- Bucher, Carl.** Industrial Evolution. Holt. 1901. \$2.50
- Burch, H. R. & Nearing, Scott.** Elements of Economics. Macmillan. 1913. \$1
- Cheyney, E. P.** Industrial and Social History of England. Macmillan. 1901. \$1.40n
- Coman, K.** Industrial History of the United States. Macmillan. 1910. \$1.60n

- Freeman, W. G. & Chandler, S. E.** The World's Commercial Products. Ginn. 1911. \$3.50n
- Gibbins, H. B.** Industrial History of England. Scribner. 1902. \$1.20
- Moore, J. R. H.** Industrial History of American People. Macmillan. 1913. \$1.25n
- Thurston, H. W.** Economics and Industrial History. Scott. 1899. \$1n
- Toothaker, C. R.** Commercial Raw Materials. Ginn. 1905. \$1.25n
- Warner, G. T.** Landmarks in English Industrial History. Macmillan. 1899. \$1.60n

The following material is invaluable in teaching industrial history and geography:

Industrial arts. The growth of industrial arts; compiled under supervision of commissioner of patents for World's Industrial and Cotton Centennial, 1885. Reprinted 1892. This publication consists of 200 large lithographic plates (16 by 20 inches) bound together in book form. The plates illustrate the growth of industrial art by showing the most familiar tools, implements, and machines in the form in which they were known to earlier generations and also in the improved forms to which modern invention has brought them. Government Printing Office, Washington, D. C. \$2.

United States Department of Agriculture, Washington, D. C.

Forest Service Bul. 10. Timber

Forest Service Bul. 34. History of the Lumber Industry in the State of New York

Forest Service Bul. 36. The Woodsman's Handbook

Farmers Bul. 173. A Primer of Forestry. Pt 1 The Forest

Farmers Bul. 358. A Primer of Forestry. Pt 2 Practical Forestry

Maps (free):

Natural Forest Regions of North America (paper, 16" x 20")

National Forests of the United States (paper, 21" x 33" or 5' x 7')

Material which may be had temporarily as loans:

Photograph exhibit. A set of forty-four large, mounted photographs, arranged in eleven series, four in each series, illustrating some special feature of forest work or forest conditions in the United States. Each series of four photographs is mounted on a strip of green denim cloth, with eyelets at the upper end for hanging on the

wall. The entire exhibit may be engaged for a short loan by any school willing to pay transportation charges.

Lantern slides. The Forest Service has an extensive collection of lantern slides illustrating forestry and related subjects, from which sets may be loaned for short periods of time, on condition that the borrower pay transportation charges and assume the responsibility for loss or breakage. An outline of subjects of these slides will be sent on request.

New York State Conservation Commission, Albany, N. Y.

Bulletin 1. Forestry and Forest Resources in New York. 1912

University of the State of New York, Division of Visual Instruction, Albany, N. Y.

The Division of Visual Instruction has a complete and extensive collection of slides which may be loaned for short periods by the schools in the State. Complete lists will be sent upon application to this Division. The following list of sets of slides is of particular interest to teachers of vocational subjects:

List 3: Iron and Steel. Eighty-four titles on mines and ores, general aspects of the industry, coke as fuel, pig iron, wrought iron, Bessemer process, open-hearth process, rolling mills, construction steel, foundry practice, physics and chemistry of the industry, ingots and their defects, sociology.

List 21: Coal Mining. Forty-two titles on the Carboniferous age, coal veins, the mine, surface structures and operations, the breaker, homes of workmen, storage, transportation and map.

List 22: Clay and Clay Products. Fifty-four titles on common brick, other practical clay products, china clay, processes of pottery making, aspects of pottery making in other lands, ancient pottery, some artistic articles of pottery, enamel ware.

List 20: Salt. Eighteen titles on the solar process, general views of salt works, the grainer process, the vacuum pan process, putting up fine salt for market, rock salt, alkali products.

List 9: Natural and Artificial Ice. Nineteen titles on harvesting natural ice, a simple refrigerator, artificial ice (a) the ammonia cycle, (b) the water system, storage and map.

List 23: Forestry and Lumbering. [In press]. About 70 titles on the forest, the lumber camp, felling, sawing and skidding, winter hauling, log driving, wood lots, lumber, other forest products, the tree nursery, tree planting, outside of New York State.

List 5: Naval Stores. Fourteen titles on yellow pine forests, process of manufacture, sources and distribution of naval stores.

List 4: Maple Sugar. Seven titles on gathering sap and converting it into sugar and syrup.

List 19: Panama Canal Zone and vicinity. Eighty titles on maps, Old Panama, Porto Bello, the French in Panama, sea-level approaches to the locks, excavations, slides, Chagres river, locks, Gatun lake and dam, other canals, sanitation of Canal Zone, life in the Canal Zone, laborers, local transportation facilities, Taboga island, the city of Panama, an American enterprise.

There will be announced from time to time lists on other industries including cotton, sugar, wheat, slaughtering and meat packing, stone products, fisheries, fruit raising, transportation, etc.

Science

Allyn, L. B. Elementary Applied Chemistry. Ginn. 1912. 60c

Black, N. H. & Davis, H. N. Practical Physics. Macmillan. 1913. \$1.25n

Blanchard, J. M. Household Chemistry. Allyn. 1912. 50c

Clark, B. M. General Science. Am. Bk Co. 1912. 80c

——— Laboratory Manual in General Science. Am. Bk Co. 1912. 40c

Conn, H. W. Bacteria, Yeast and Molds in the Home. Ginn. 1903. \$1n

Dodd, M. E. Chemistry of the Household. Am. Sch. of Home Econ. 1907. \$1.50n

Hawkins, V. D. Applied Physics for Secondary Schools. Longmans. 1912. \$1n

Jordan, W. H. Principles of Human Nutrition. Macmillan. 1912. \$1.75

Keene, E. S. Mechanics of the Household. E. S. Keene. 1913.

Locke, E. A. Food Values. Appleton. 1911. \$1.25n

Olney, L. A. Textile Chemistry and Dyeing. Am. Cor. Sch. 1909. \$3

Olsen, J. C. Pure Foods. Ginn. 1911. 80c

Richards, E. H. S. & Elliott, S. M. Chemistry of Cooking and Cleaning. Whitcomb. 1907. \$1

Russell, W. S. C. & Kelly, H. C. Laboratory Manual of First Year Science. Holt. 1907. 75c

Sherman, H. C. Chemistry of Food and Nutrition. Macmillan. 1911. \$1.50

Thorp, F. H. Outlines of Industrial Chemistry. Macmillan. 1898. \$3.75

Vulte, H. T. Household Chemistry. H. T. Vulte. \$1.25

Wing, H. H. Milk and Its Products. Macmillan. 1903. \$1.50

*Pamphlets***United States Department of Agriculture, Washington, D. C.**

Bureau of Chemistry Bul. 13. Pt 6, Food and Food Adulterations
 Pt 7, Food and Food Adulterations
 Pt 10, Food and Food Adulterations

Bureau of Chemistry Bul. 77. Olive Oil and Its Substitutes

Bureau of Chemistry Bul. 80. Adulterated Drugs and Chemicals

Bureau of Chemistry Bul. 84. Influence of Food Preservatives
 and Artificial Colors on Digestion and Health
 Pt 1, Boric Acid and Borax
 Pt 2, Salicylic Acid and Salicylates
 Pt 3, Sulphurous Acid and Sulphites
 Pt 4, Benzoic Acid and Benzoates
 Pt 5, Formaldehyde

Bureau of Chemistry Bul. 100. Some Forms of Food Adulteration
 and Simple Methods for Their Detection

Bureau of Chemistry Bul. 109. Some Technical Methods of
 Testing Miscellaneous Supplies, Including Paint, and Paint
 Materials, Inks, Lubricating Oils, Soaps Etc.

Bureau of Chemistry Bul. 132. Report on Headache Mixtures

Bureau of Chemistry Bul. 147. Coal Tar Colors Used in Food
 Products

Bureau of Chemistry Bul. 151. Canning of Foods. Description
 of methods followed in commercial canning

Bureau of Chemistry Cir. 25. Coloring Matters for Foodstuffs
 and Methods for Their Detection

Bureau of Chemistry Cir. 34. Examination of Paper

Bureau of Chemistry Cir. 54. Analyses of Canned Peas and Beans,
 Showing Composition of Different Grades

Bureau of Chemistry Cir. 95. Methods for Detection of Small
 Quantities of Coumarin, Particularly in Factitious Vanilla Extracts

Bureau of Chemistry Cir. 96. Measurement of Translucency of
 Papers

Bureau of Chemistry Cir. 107. Detection of Faulty Sizing in
 High Grade Paper

Bureau of Chemistry Cir. 113. The Quantitative Separation and
 Determination of Subsidiary Dyes in Permitted Food Colors

Farmers Bulletin 131. Detection of Oleomargarine in Renovated
 Butter

Experiment Station Bul. 28. The Chemical Composition of
 American Food Materials

Bureau of Animal Industry Bul. 203. A Method for the Determination of Starch in Meat Food Products

Household management and economics

- Bruère, H. B. & R. W.** Increasing Home Efficiency. Macmillan. 1912. \$1.50
- Clark, T. M.** The Care of a House. Macmillan. 1903. \$1.50
- Frederick, C.** The New Housekeeping. Doubleday. 1913. \$1.60
- Haskins, C. W.** How to Keep Household Accounts. Harper. 1903. \$1
- Kinne, Helen & Cooley, Anna M.** Foods and Household Management. Macmillan. 1914. \$1.10
- Kittridge, M. H.** Housekeeping Notes. Whitcomb. 1911. 80c
- Parloa, Marie.** Home Economics. Century. 1906. \$1.50
- Richards, E. H.** The Cost of Food. Wiley. 1901. \$1
- The Cost of Living. Wiley. 1905. \$1
- The Cost of Shelter. Wiley. 1905. \$1
- The Cost of Cleanness. Wiley. 1908. \$1
- Richardson, B. J.** The Woman Who Spends. Whitcomb. 1910. \$1.10
- Salmon, L. M.** Domestic Service. Macmillan. 1911. \$2
- Talbot, M. & Breckinridge, S. P.** The Modern Household. Whitcomb. 1912. \$1.10
- Terrill, B. N.** Household Management. Am. Sch. of Home Econ. 1910. \$1.50

Hygiene and sanitation

- Allen, W. H.** Civics and Health. Ginn. 1909. \$1.25
- Elliott, S. Marie.** Household Hygiene. Am. Sch. of Home Econ. 1910. \$1.50
- Galbaith, Anna M.** Personal Hygiene and Physical Training for Women. Saunders. 1911. \$2
- Hall, W. S.** From Youth into Manhood. Assn. Press. 1909. 50c
- Jewett, F. G. & Gulick, C. E.** Gulick Hygiene Series. Ginn
- Bk 1. Good Health. 1908. 40cn
- Bk 2. Emergencies. 1909. 50c
- Bk 3. Town and City. 1906. 50cn
- Bk 4. The Body at Work. 1909. 50cn
- Bk 5. Control of Mind and Body. 1908. 50c

- Latimer, C. W.** Girl and Woman. Appleton. 1910. \$2
Price, G. M. Handbook on Sanitation. Wiley. 1905. \$1.50
Pyle, W. L. Manual of Personal Hygiene. Whitcomb. 1910.
 \$1.50n
Talbot, M. House Sanitation. Whitcomb. 1912. 80c.
Tolman, W. H. & Guthrie, A. W. Hygiene for the Worker.
 Am. Bk Co. 1912. 50cn
Woodworth, R. S. The Care of the Body. Macmillan. 1912.
 \$1.50

Pamphlets

New York State College of Agriculture, Ithaca, N. Y. Cornell
 Reading Courses (free)

- Farm House Series No. 4. Rules for Cleaning
 Sanitation Series No. 1. Household Bacteriology
 Sanitation Series No. 2. Saving Strength
 Sanitation Series No. 3. Household Insects and Methods of
 Control

United States Department of Agriculture, Washington, D. C.

- Farmers Bul. 345. Some Common Disinfectants
 Farmers Bul. 375. Care of Food in the Home
 Farmers Bul. 377. Harmfulness of Headache Mixtures
 Farmers Bul. 393. Habit Forming Agents
 Farmers Bul. 413. Care of Milk and Its Use in the Home
 Farmers Bul. 459. House Flies
 Public Health Bul. 42. Disinfectants

Ohio State University, Columbus, Ohio

- Agr. Experiment Bul. The Care of Milk

Experimental Station, Berkley, Cal.

- Bulletin No. 215 — The House Fly in Its Relation to Public
 Health.

Iowa State College, Ames, Iowa, Agricultural Extension Department

- Short Course Class Notes 7. Personal Hygiene
 Short Course Class Notes 8. Practical Dietetics
 Short Course Class Notes 10. Caloric Value of Foods
 Short Course Class Notes 15. Public and Home Sanitation

Care and feeding of children

- Brom, D. R.** The Baby. Whitcomb. 1908. \$1
- Gibbs, W. S.** Proper Feeding of the Family. Whitcomb. 1911.
25c
- Greer, Edith.** What Children Should Eat. Edith Greer. 1911.
25c
- Hogan, L. E.** How to Feed Children. Lippincott. 1909. \$1
- Holt, L. E.** Care and Feeding of Children. Appleton. 1909.
75c
- Wheeler, M.** The Baby, His Care and Training. Harper. 1901.
\$1

Pamphlets

- United States Bureau of Education**, Washington, D. C.
Bul. 3, 1909. The Daily Meals of School Children. C. L.
Hunt. 10c
- New York State College of Agriculture**, Ithaca, N. Y., Cornell
Reading Courses
Food Series No. 1. The Care and Feeding of Children, Pt 1
Food Series No. 2. The Care and Feeding of Children, Pt 2
- New York State Department of Health**, Albany, N. Y.
Monthly Bulletin, May 1912. Fundamental Principles in
Infant Feeding

Home nursing

- Aitkens, C. A.** The Home Nurse's Handbook of Practical Nurs-
ing. Saunders. 1912. \$1.50
- Harrison, E.** Home Nursing. Macmillan. 1900. \$1
- Lynch, C.** Red Cross Text Book. Blakiston. 1908. \$1
- McDonald, L.** Home Nursing. Macmillan. 1909. 80c
- Weeks-Shaw, C. S.** Textbook of Nursing. Appleton. \$1.75

Pamphlets

- Iowa State College**, Ames, Iowa, Agricultural Extension Depart-
ment
Short Unit Class Notes 6. Home Nursing

Laundering

- Balderston, L. R. & Limerick, L.** Laundry Manual. Winston.
1900. 50c
Sheppard, J. L. Laundry Work. Whitcomb. 1909. 60c

Pamphlets

- New York State College of Agriculture, Ithaca, N. Y., Cornell**
Reading Courses
Farm House Series No. 3. The Laundry

Cooking

- Bevier, I. & Van Meter, A. R.** Selection and Preparation of
Foods. Whitcomb. 1910. 75c
Clark, I. H. Domestic Science. Little. 1911. \$1.50n
Clarke, H. C. & Rulon, P. D. Cook Book of Left Overs. Harper.
1911. \$1.10
Farmer, F. M. The Boston Cooking School Cook Book. Little.
1909. \$2
——— A New Book of Cookery. Little. 1912. \$1.60
——— Food and Cooking for the Sick and Convalescent.
Little. 1904. \$1.50
Frich, Lilla. Basic Principles of Domestic Science. Muncie
Normal Inst. 1913. \$1.50
Green, O. What to Have for Breakfast. Putman. 1905. \$1n
——— Everyday Luncheons. Putman. 1906. \$1n
——— One Thousand Simple Soups. Putman. 1907. \$1n
——— How To Cook Fish. Putman. 1908. \$1n
——— How to Cook Meat and Poultry. Putman. 1908. \$1n
——— How to Cook Vegetables. Putman. 1909. \$1n
——— One Thousand Salads. Putman. 1909. \$1n
——— Every Day Desserts. Putman. 1911. \$1
——— Every Day Dinners. Putman. 1911. \$1
Hill, J. M. Cooking for Two. Little. 1909. \$1.50n
——— Practical Cooking and Serving. Little. 1912. \$1.50n
James, A. L. Housekeeping for Two. Putman. 1909. \$1.25n
Jones, M. C. Lessons in Elementary Cooking. Whitcomb.
1912. \$1
Kinne, H. Equipment for Teaching Domestic Science. Whit-
comb. 1911. 80c
Knight, James. Food and Its Functions. Scribner. \$1

- Lincoln, M. J.** Boston School Kitchen Text Book. Little. 1909. \$1
 ——— The Boston Cook Book. Little. 1904. \$2
- Mitchell, M. J.** The Fireless Cook Book. Doubleday. 1909. \$1.25
- Morris, J.** Household Science and Art. Am. Bk Co. 1913. 60cn
- Ronald, M.** Century Cook Book. Century. 1909. \$2
- Williams, M. E. & Fisher, K. R.** The Elements of the Theory and Practice of Cookery. Macmillan. 1911. \$1

Charts

- Register of Foods. Shows by colors the elementary principles of over 100 foods. 13½ x 19 inches. Whitcomb. \$1n

Pamphlets

United States Department of Agriculture, Washington, D.C.

- Farmers Bul. 34. Meats: Composition and Cooking
- Farmers Bul. 79. Mushrooms as Food
- Farmers Bul. 85. Fish as Food
- Farmers Bul. 121. Beans, Peas and Other Legumes as Food
- Farmers Bul. 128. Eggs and Their Uses as Food
- Farmers Bul. 142. Principles of Nutrition and Nutritive Value of Food
- Farmers Bul. 166. Cheese Making on the Farm
- Farmers Bul. 182. Poultry as Food
- Farmers Bul. 203. Canned Fruit, Preserves and Jellies
- Farmers Bul. 249. Cereal Breakfast Foods
- Farmers Bul. 255. The Home Vegetable Garden
- Farmers Bul. 256. Preparation of Vegetables for the Table.
- Farmers Bul. 262. Methods of Canning.
- Farmers Bul. 293. Use of Fruit as Food
- Farmers Bul. 295. Potatoes and Other Root Crops as Food
- Farmers Bul. 298. Food Value of Corn and Corn Products
- Farmers Bul. 332. Nuts and Their Uses as Food
- Farmers Bul. 342. The Model Kitchen
- Farmers Bul. 359. Canning Vegetables in the Home
- Farmers Bul. 363. Use of Milk as Food
- Farmers Bul. 389. Bread and Bread Making
- Farmers Bul. 391. Economical Use of Meat in the Home
- Farmers Bul. 413. Care of Milk and Its Uses in the Home

- Farmers Bul. 487. Cheese and Its Economical Use in the Diet
 Farmers Bul. 526. Mutton and Its Value in the Diet
 Farmers Bul. 535. Sugar and Its Value as Food
 Farmers Bul. 541. Farm Butter Making
 Experiment Station Bul. 185. Iron in Food and Its Functions in Nutrition
 Experiment Station Bul. 200. Course in Cereal Foods and Their Preparation
 Experiment Station Bul. 245. Course in the Use and Preparation of Vegetables
 Experiment Station Cir. 46. Functions and Uses of Foods
 Experiment Station Cir. 110. Food Customs and Diet in American Homes
 Food Charts. Composition of Food Materials

Fifteen charts each about 23 by 18 inches. \$1 a set.

Contents: 1, Milk and Milk Products; 2, Eggs and Cheese; 3, Meat, Fresh and Cured; 4, Fish, Fish Products, and Oysters; 5, Butter and Other Fat-yielding Foods; 6, Cereal Grains; 7, Bread and Other Cereal Foods; 8, Sugar and Similar Foods; 9, Roots and Succulent Vegetables; 10, Legumes and Corn; 11, Fresh and Dried Fruits; 12, Fruit and Fruit Products; 13, Nuts and Nut Products; 14, Composition, Functions, and Uses of Food; 15, Dietary Standards.

New York State College of Agriculture, Ithaca, N. Y., Cornell Reading Courses

- Food Series No. 3. Principles of Jelly-making
 Food Series No. 4. The Preservation of Food in the Home
 (Pt 1)
 Food Series No. 5. The Preservation of Food in the Home
 (Pt 2)
 Food Series No. 6. The Preservation of Food in the Home
 (Pt 3)
 Food Series No. 7. Cost of Food
 Food Series No. 8. Rules for Planning the Family Dietary
 Food Series No. 9. The Box Luncheon
 Food Series No. 3 (vol. 3). Rice and Rice Cookery
 Dairying Series No. 2. Composition of Milk and Some of Its Products
 Dairying Series No. 4. Farm Buttermaking
 Farm House Series No. 5. Choice and Care of Utensils

Iowa State College, Ames, Iowa, Agricultural extension department

Short Course Class Notes No. 1. Demonstration — Bread Lesson

Short Course Class Notes No. 2. Demonstration — Meats

Short Course Class Notes No. 3. Demonstration — Vegetables

Short Course Class Notes No. 4. Demonstration — Eggs and Milk

Short Course Class Notes No. 5. Demonstration — Cereals and Other Starchy Foods

Short Course Class Notes No. 8. Home Management

Short Course Class Notes No. 9. Vegetables

Short Course Class Notes No. 11. Company Supper

Short Course Class Notes No. 12. Demonstration — Soups and Serving

Short Course Class Notes No. 13. Demonstration — Cake

Short Course Class Notes No. 14. Salads

Short Course Class Notes No. 19. Entrees

Short Course Class Notes No. 20. Every Day Meat Dishes

Short Course Class Notes No. 21. Beverages

Purdue University, Lafayette, Ind., Extension department

Bulletin entitled "Some Points on Bread Making"

University of Illinois, Urbana, Ill., Extension department

Bul. 10. Some Points in the Making and Judging of Bread

Bul. 32. Some Points to be Considered in Planning a Rational Diet

Bul. 147. Market Classes and Grades of Meat

Bul. 158. Relative Economy, Composition and Nutritive Value of the Various Cuts of Beef

Serving

Hill, J. M. The Up-to-date Waitress. Little. 1906. \$1.50n

Springstead, A. F. The Expert Waitress. Harper. 1911. \$1n

Pamphlets

Iowa State College, Ames, Iowa, Agricultural extension department

Home Economics Cir. No. 1. Planning and Serving Meals

Textiles

- Dooley, W. H. Textiles and Clothing. Heath. 1912. \$1.10n
 Gibbs, C. M. Household Textiles. Whitcomb. 1912. \$1.25n
 Kinne, H. & Cooley, A. M. Shelter and Clothing. Macmillan.
 1913. \$1.10n
 Watson, K. H. Textiles and Clothing. Am. Sch. of Home Econ.
 1907. \$1.50
 Woolman, M. S. & McGowan, E. B. Textiles. Macmillan.
 1913. \$2n
International Library of Technology. Int. Textbook Co. \$5 ea.
 V. 76. Cotton pickers, Cards, Drawing, Rolls, Combers, Fly frames
 V. 77. Ring frames, Cotton mules, Twisters, Spoolers, Warpers, Slaskers
 V. 78. Yarns, Cloth rooms, Mill engineering, Reeling, Baling, Winding
 V. 79. Wool. Scouring, drying, burr picking, mixing, carding, spinning,
 warping
 V. 80. Cams, Fancy and automatic looms, Dobbies, Box motions, Leno
 attachments, Jacquards
 V. 81. Weave glossary, Fabric analysis, Weave varieties, Color designs

Pamphlets

United States Department of Agriculture, Washington, D. C.

- Farmers Bul. 27. Flax for Seed and Fiber
 Farmers Bul. 36. Cotton Seed and Its Products
 Farmers Bul. 96. Raising Sheep
 Farmers Bul. 137. The Angora Goat
 Farmers Bul. 165. Silk Worm Culture
 Farmers Bul. 239. The Cotton Seed Industry
 Farmers Bul. 254. The Hemp Industry in the United States
 Farmers Bul. 274. Flax Culture
 Farmers Bul. 302. Sea Island Cotton
 Farmers Bul. 314. The Growing of Long-staple Upland Cotton
 Farmers Bul. 321. Principal Commercial Plant Fibers

University of Illinois, Urbana, Illinois

Bulletin: "Some Points in Choosing Textiles"

Iowa State College, Ames, Iowa

Bulletin: "Textiles"

United States Department of Agriculture, department of plant industry, Washington, D. C.

Exhibits:

- Specimens of cotton balls, seed, oil and cake.
 Specimens of flax stalk and fiber of different grades
 Specimens of hemp fiber
 Specimens of combed ramie silver
 Specimens of jute fiber
 Specimens of nature's needles and threads

New York State College of Agriculture, Ithaca, N. Y. Cornell
Reading Courses
Household Textile Series No. 1. Hints on Choosing Textiles

Dressmaking and sewing

- Browne, M. P.** Dress Cutting, Drafting and French Pattern Modeling. Constable. 1902. 25n
Hapgood, O. C. School Needlework. Ginn. 75c
Laughlin, C. E. The Complete Dressmaker. Appleton. 1907. \$1.25n
McKenna, Ed. The Woman's Library of Needlework. Dutton. \$1.50
Short, I. Practical Home Sewing and Dressmaking. Blackie. 1910. 35n
Woolman, M. S. A Sewing Course. Fernald. 1910. \$1.50n

Millinery

- Reeve, A. J.** Practical Home Millinery. Longmans. 1912. 90c
Yusuf, A. B. The Art of Millinery. Millinery Trade Pub. Co. 1909. \$2
 Practical Millinery Lessons. Millinery Trade Pub. Co. 1913. \$1

Embroidery

- Day, S. F. & Buckle, M.** Art in Needlework. Scribner. 1908. \$2n
Klickman, F. Home Art Book of Fancy Stitchery. Stokes. 1913. 60c
 ——— Home Art Crochet Book. Stokes. 1913. 60c
 ——— Craft of the Crochet Hook. Stokes. 1913. 60c
Sharp, M. Point and Pillow Lace. Dutton. 1899. \$2
Townsend, W. G. & Pesel, L. F. Embroidery. Lane. 1899. \$1n

*Pamphlets***Bureau of Education, Manila, P. I.**

Bul. 34. Lace Making and Embroidery (Distributed by U. S. Bureau of Education)

Bureau of Manufactures, Washington, D. C.

Special Agent Series 20. Swiss Embroidery and Lace Industry

Special Agent Series 23. Lace Industry in England and France

Salesmanship

Atkinson, W. W. The Psychology of Salesmanship. Progress Co. 1910. \$1

Butler, E. B. Saleswomen in Mercantile Stores. Charities Pub. Co. 1912. 75c

Corbion, W. A. The Principles of Salesmanship — Department and System. Jacobs. 1907. \$1n

Ferris, E. E. Pete Crowther, Salesman. Doubleday. 1913. \$1.10

Fowler, N. C. Practical Salesmanship. Little. 1911. \$1n

Phillips, W. B. How Department Stores Are Carried on in America. Dodd. 1901. \$1

Pierce, C. H. Scientific Salesmanship. Farnsworth. 1906. \$1

Sheldon, A. F. The Art of Selling. Sheldon Press. 1911. \$1.25

Vocational Bureau, Boston. The Department Store. Houghton

Cabinetmaking and carpentry

Kidder, F. E. Building Construction and Superintendence. Part 2, Carpenters' Work. Comstock. 1910. \$4

King, C. A. Elements of Woodworking and Construction. Am. Bk Co. 1913. 90cn

——— Elements of Construction. Am. Bk Co. 1911. 70cn

——— Constructive Carpentry. Am. Bk Co. 1912. 70cn

——— Inside Finishing. Am. Bk Co. 1912. 80cn

——— Hand Book in Woodworking and Carpentry for Teachers and Normal Schools. Am. Bk Co. 1911. \$1n

Noyes, W. Handwork in Wood. Manual Arts Press. 1910. \$2

Radford, W. A. Practical Carpentry. 2v. Radford Arch. Co. 1913. \$2

- Rudd, J. H.** Cabinet Making. Grand Rapids Furniture Record Co. 1913. \$1.50
- Townsend, G.** Carpentry. Am. Cor. Sch. \$1.50
- Wells, P. A. & Hooper, J.** Modern Cabinet Work, Furniture and Fitments. Manual Arts Press. 1909. \$5
- International Library of Technology.** Int. Textbook Co. \$5 ea.
- V. 30-B. Masonry, Carpentry, Joinery, Steel square
 - V. 32-B. Building superintendence, Specifications, Estimating, Contracts and permits
 - V. 33-B. Fireproofing, Stair building, Metal work, Roofing, Builders' hardware and mill design

Wood carving

- Hasluck, P.** Wood-Carving. McKay. 1908. \$2
- Jack, G. T.** Wood-Carving. Appleton. 1903. \$1.40
- Rowe, E.** Practical Wood Carving. Lane. 1907. \$3

Patternmaking, molding, forging

- Bacon, J. L.** Forge Practice. Wiley. 1908. \$1.50n
- Chase, I. M.** The Art of Pattern Making. Wiley. 1909. \$2.50
- Palmer, R. H.** Foundry Practice. Wiley. 1912. \$2n
- Purfield, H. T.** Wood Pattern Making. Manual Arts Press. 1911. \$1.25
- Ritchey, J.** Pattern Making. Am. Cor. Sch. 1911. \$1
- Tate, J. M. & Stone, M. O.** Foundry Practice. Wiley. 1909. \$2
- West, T. D.** American Foundry Practice. 11th ed. Wiley. \$2.50
- International Library of Technology.** Int. Textbook Co. \$5ea.
- V. 3-B. Patternmaking, Molding, Core making, and Cupalo practice
 - V. 4-C. Malleable castings, Brass founding, Blacksmithing, and Forging

Bricklaying, concrete work

- Buel, A. W. & Hill, C. S.** Reinforced Concrete. McGraw-Hill. 1906. \$5n
- Davison, R. C.** Concrete Pottery and Garden Furniture. Munn. 1910. \$1.50

- Gilbreth, F. B.** Bricklaying System. Clark. 1909. \$3n
- Kidder, F. E.** Building Construction and Superintendence.
Pt 1, Mason's Work. Comstock. 1909. \$4
- Lewis, M. H. & Chandler, A. H.** Popular Handbook for Cement and Concrete Users. Henley. 1911. \$2.50
- Reid, H. A.** Concrete and Reinforced Concrete. Clark. 1907. \$5n
- Webb, W. L. & Gibson, W. H.** Masonry and Reinforced Concrete. Am. Cor. Sch. \$3
- International Library of Technology.** Int. Textbook Co. \$5 ea.
V. 107. Reinforced concrete, Design and practice, Specifications, Failures
V. 108. Cement, Concrete, Stone and brick foundations

Painting

- Brown, W. M.** House Decoration and Painting. Van Nostrand. 1912. \$1.50n
- Gardner, F. B.** The Painters' Encyclopedia. Richardson. \$1.50
- Sabin, A. H.** House Painting. Wiley. 1908. \$1
- Industrial and Artistic Technology of Paint and Varnish. Wiley. 1904. \$3
- Zimmerman, W.** The Art of Mordanting and Staining. The Arti-Stain Co. 1911. \$3
- 739 Paint Questions Answered. Painters Magazine. 1904. \$3

Plumbing

- Cosgrove, J. J.** Plumbing Estimates and Contracts. Standard San. Mfg. Co. 1910. \$3
- Plumbing Plans and Specifications. Standard San. Mfg. Co. 1910. \$3
- Hutton, Wm.** Joint Wiping and Lead Work. Williams. 1912. 50c
- King, A. G.** Practical Steam and Hot Water Heating. Henley. 1908. \$3
- Putman, J. P.** Plumbing and Household Sanitation. Double-day. 1911. \$3.75n
- Starbuck, R. M.** Standard Practical Plumbing. Munn. 1910. \$3

International Library of Technology. Int. Textbook Co. \$5ea.

- V. 71. Gas supply, Plumbing materials, Plumbing work and fixtures
- V. 72. Drawing, Sewerage, Water supply, Plumbing plans and inspection
- V. 73. Pipes and fittings, Boilers, Principles of heating and ventilating
- V. 74. Pipe work. Steam, Hot water, and Central station heating
- V. 75. Hot air heating, Blower systems, Heating specifications, Power plants

Sheet Metal Work

Atkins, E. A. Practical Sheet and Plate Metal Work. Macmillan.

1912. \$2

International Library of Technology. Int. Textbook Co. \$5

V. 10. Sheet Metal Pattern Book

Electricity

Adams, J. H. Harper's Electricity Book for Boys. Harper.

1907. \$1.75

Ashe, S. W. Electricity Experimentally and Practically Applied.

Van Nostrand. 1910. \$2n

Bauder, E. Electrical Diagrams. Phila. Trade Sch. 1912.

Collins, A. F. Design and Construction of Induction Coils.

Munn. 1909. \$3

Esty, W. Alternating-Current Machinery. Am. Cor. Sch.

1912. \$3

Foster, H. A. Electrical Engineers' Pocket Book. Van Nostrand.

1910. \$5

Harrison, N. Electric Wiring, Diagrams and Switchboards.

Henley. 1906. \$1.50

Houston, E. J. Electrician's Dictionary. Pocket ed. McGraw-

Hill. 1908. \$2.50

Jackson, D. C. & Jackson, J. P. Elementary Electricity and

Magnetism. Macmillan. 1902. \$1.40n

James, W. H. D. & Sands, D. L. Elementary Electrical Calcula-

tions. Longmans. 1905. \$1.25n

Knox, C. E. & Shaad, G. C. Electric Wiring and Lighting. Am.

Cor. Sch. 1913. \$1

Miller, K. B. & McMeen, S. G. Telephony. Am. Cor. Sch.

1912. \$4

Millikan, R. A., Sager, L. K., Crocker, F. B. & Mills, J. Practical

Lessons in Electricity. Am. Cor. Sch. \$1.50

- Poole, C. P.** Diagrams of Electrical Connections. McGraw-Hill. 1907. \$2n
- Poppe, T. W.** House Wiring. Henley. 1912. 50c
- Swoope, C. W.** Practical Electricity. Van Nostrand. 1910. \$2n
- Timbie, W. H.** Elements of Electricity. Wiley. 1911. \$2n
- International Library of Technology.** Int. Textbook Co. \$5ea.
- V. 11-B. Electricity, Magnetism, Batteries and electric measurements
 - V. 12-B. Design of dynamos and motors, Alternating currents
 - V. 13-C. Alternating currents, Transmission of electricity
 - V. 14-C. Storage batteries, Lighting, Interior wiring, Signs, Heating
 - V. 62-B. Electric railways, Efficiency tests, Converters

Machine shop

- Colvin, F. H. & Stanley, F. O.** Machine Shop Primer. McGraw-Hill. 1910. \$1n
- American Machinist's Handbook. McGraw. 1908. \$3
- Golding, H. A.** Engineers' and Machinists' Hand Book. Fenno. 1908. \$1.50
- Halsey, F. A.** Handbook. McGraw-Hill. 1913. \$5
- Kaup, W. J.** Machine Shop Practice. Wiley. 1911. \$1.25n
- Kent, William.** Mechanical Engineer's Hand Book. Wiley. 1910. \$5
- Leonard, W. S.** Machine Shop Tools and Methods. 6th ed. Wiley. 1913. \$4
- Markham, E. R.** Tool Making. Am. Cor. Sch. 1908. \$1.50
- Moore, S. H.** Mechanical Engineering and Machine Shop Practice. McGraw-Hill. 1908. \$4n
- Richards, F.** Questions and Answers from the American Machinist. McGraw-Hill. 1913. \$1.50n
- Smith, R. H.** Textbook of the Elements of Machine Work. Ind. Ed. Book Co. 1910. \$2n
- Textbook of the Principles of Machine Work. Ind. Ed. Book Co. 1910. \$3n
- Turner, F. W. & Perrigo, O. E.** Machine Shop Work. Am. Cor. Sch. 1913. \$1.50
- Woodworth, J. V.** Grinding and Lapping. Hill Pub. Co. 1907. \$2n
- American Tool-making and Interchangeable Parts. Hill Pub. Co. 1911. \$2
- Complete set of "Machinery's" reference books. 25c ea.

- Brown & Sharp.** Handbook for Apprenticed Machinists.
Brown & Sharp. 1907. 50c
——— Formulas in Gearing. Brown & Sharp. 1907. \$1.50
——— Practical Treatise on Gearing. Brown & Sharp. 1907.
\$1
The Mechanic's Handbook. Int. Textbook Co. 1913. 50c

Power plant operation

- Kent, William.** Mechanical Engineers' Pocketbook. Wiley.
1912. \$5
Shealy, E. M. Steam Boilers. McGraw-Hill. 1912. \$2.50
International Library of Technology. V. 7, 8, 11, 13. Int.
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Engines—gas and gasoline

- Hiscox, G. D.** Gas, Gasoline and Oil Engines. Henley. 1911.
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Page, V. W. Modern Gasoline Automobile. Henley. 1912.
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Roberts, E. W. Gas Engine Handbook. Gas Engine Pub. Co.
1903. \$1.50
Robson, P. W. Power Gas Producers. Longmans. 1908. \$3n
Stone, C. H. H. Practical Testing of Gas and Gas Meters.
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Thurston, R. H. History of the Growth of the Steam Engine.
Appleton. 1904. \$2.50
Whitman, R. B. Gas Engine Principles. Appleton. 1912.
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Printing

- Bigelow, M. T.** Punctuation and Other Typographical Matters.
Lathrop. 1909. 50c
Bishop, H. G. The Practical Printer. H. G. Bishop. \$1
DeVenne, T. L. The Practice of Typography. Century. \$2n ea.
V. 1. Plain Printing Types. 1900
V. 2. Modern Book Composition. 1901
V. 3. Title Pages. 1902
V. 4. Correct Composition. 1904

- Gage, F. W.** Modern Presswork. Inland Printer. 1909. \$2
- Gress, E. G.** American Handbook of Printing. Oswald Pub. Co. 1907. \$2
- Hitchcock, F. H. ed.** The Building of a Book. F. A. Hitchcock. 1906. \$2n
- McClellan, G. E.** Practical Typography. Manual Arts Press. 1913. \$1.50
- Parsons, F. A.** Principles of Advertising Arrangement. Prang. 1912. \$2
- Smith, A. M.** Printing and Writing Materials. A. M. Smith. 1911. \$1.30
- Proofreading and Punctuation. A. M. Smith. 1905. \$1.10
- Stewart, A. A.** The Printer's Dictionary. School of Printing, North End Union, Boston. 1912. \$2
- Treize, F. J.** The Typography of Advertisements. Inland Printer. 1912. \$2
- American Manual of Presswork.** Oswald Pub. Co. 1907. \$4
- Lectures to Printers' Apprentices.** School of Printing, North End Union, Boston
- Manual of Style.** Chicago Union Press. 1910. \$1
- Printing and Bookbinding.** Pub. Sch. Pub. Co. 1912. \$1
- International Library of Technology.** Int. Textbook Co. \$5ea.
 V. 60-B. Copy for advertisements, Type, Layouts, Proofreading
 V. 61-B. Advertisement display, Mediums, Retail management

Safety

- Law, F. E. & Newell, William.** The Prevention of Industrial Accidents. Fidelity & Casualty Co., N. Y. 1909. 25c
- Van Schaack, D.** Woodworking Safeguards. Aetna Life Ins. Co., Hartford, Conn. \$1

Pamphlets

- United States Steel Corporation,** Bureau of Safety, Relief, Sanitation and Welfare, New York City
- Bureau of Labor.** Report on Conditions of Employment in the Iron and Steel Industry of the United States. V. 4, Accidents and Accident Prevention, 1913. U. S. Com'r of Labor, Washington, D. C.
- Bulletin 1, October 1910
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Aetna Life Insurance Co., Hartford, Conn.

Bulletin. Emergency — "What to Do — What Not to Do"

Industrial Commission of Wisconsin, Madison, Wis.

V. 1, no. 1. Safety Orders

V. 1, no. 3. Industrial Accidents

V. 2, no. 1. General Orders on Sanitation

V. 2, no. 2. General Orders on Elevators

V. 2, no. 3. General Orders on Safety and Sanitation in Laundries

V. 2, no. 4. Jointer Accidents and Their Prevention

V. 2, no. 5. Shop Organization for Safety

V. 2, no. 7. Eye Injuries and Their Prevention

V. 2, no. 8. Metal Burns and Their Prevention

V. 2, no. 10. Falls of Workmen and Their Prevention

The following bulletins may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.:

Labor Bureau Bulletin 44, containing Factory Sanitation and Labor Protection

Geological Survey Bulletin 333. Coal Mine Accidents — Cause and Prevention

MAGAZINES

General

Craftsman, The. Monthly. Craftsman Publishing Co., 41 W. 34th st., New York City. \$3

Journal of Home Economics. 5 issues. Roland Park Branch, Baltimore, Md. \$2

Manual Training Magazine. Bimonthly during school year. Manual Arts Press, Peoria, Ill. \$1.50

Scientific American. Weekly. Munn & Co., 361 Broadway, New York City. \$3

Scientific American Supplement. Weekly. Munn & Co., 361 Broadway, New York City. \$5

Vocational Education. Bimonthly during school year. Manual Arts Press, Peoria, Ill. \$1.50

Industrial Arts Magazine. Monthly. Bruce Publishing Co., Milwaukee, Wis. \$1.50

Architecture

- American Architect, The.** Weekly. 50 Union sq., New York City. \$10
- Architecture.** Monthly. Forbes & Co., 527 Fifth av., New York City. \$5
- Architecture and Building.** Monthly. William T. Comstock Co., 23 Warren st., New York City. \$2
- Architectural Record, The.** Monthly. 11 E. 24th st., New York City. \$3
- Architectural Review, The.** Monthly. Bates & Guild Co., 144 Congress st., Boston, Mass. \$5

Art

- Arts and Decoration.** Monthly. Adam Budge Pub., 39 W. 32d st., New York City. \$2
- House Beautiful, The.** Monthly. 315 Fourth av., New York City. \$3
- House and Garden.** Monthly. McBride, Nash & Co., 31 E. 17th st., New York City. \$3
- School Arts Magazine.** Monthly (except July and August). School Arts Pub. Co., 120 Boylston st., Boston, Mass. \$2

Cooking

- Boston Cooking School Magazine.** Monthly (except July and August). 372 Boylston st., Boston, Mass. \$1
- Good Housekeeping Magazine.** Monthly. Phelps Pub. Co., 381 Fourth av., New York City. \$1.50
- National Food Magazine.** Monthly. 45 W. 34th st., New York City. \$1
- Table Talk.** Monthly. Arthur H. Crist Co., Cooperstown, N. Y. \$1

Dressmaking

- American Modiste.** Quarterly. 453 W. Van Buren st., Chicago, Ill. \$1.50
- Bon Ton.** Monthly. Royal Pattern Co., 174 Fifth av., New York City. \$3.50
- Criterion of Fashion.** Monthly. 615 W. 43d st., New York City. 50c
- Delineator.** Monthly. Butterick Pub. Co., New York City. \$1.50

- Designer.** Monthly. Standard Fashion Co., 12 Vandam st., New York City. 50c
- Elite.** Monthly. Elite Styles Co., 54 W. 23d st., New York City. \$1.50
- L'Art de la Mode.** Monthly. Morse Broughton Co., 8-14 W. 39th st., New York City. \$3.50
- Ladies Home Journal.** Monthly. Curtis Pub. Co., Independence sq., Philadelphia, Pa. \$1.50
- Le Costume Royal.** Monthly. 285 Fifth av., New York City. \$3.50
- Modern Priscilla.** Monthly. Priscilla Pub. Co., 120 Boylston st., Boston, Mass. 50c
- Vogue.** Semimonthly. 443 Fourth av., New York City. \$4

Millinery

- Illustrated Milliner.** Monthly. 656 Broadway, New York City. \$4
- The Milliner.** Monthly. 215 S. Market st., Chicago, Ill. \$2
- Milliner Trade Review.** Monthly. 13 Astor pl., New York City. \$2

Embroidery

- Home Needlework Magazine.** Bimonthly. Florence Pub. Co., Florence, Mass. 75c

Textiles

- Posselt's Textile Journal.** Monthly. 2159 N. 21st st., Philadelphia, Pa. \$2
- American Silk Journal.** Monthly. Clifford & Lawton Pub., 1 E. 28th st., New York City. \$2

Woodworking

- American Carpenter and Builder.** Monthly. 178 W. Jackson blvd., Chicago, Ill. \$2
- Furniture Magazine.** Quarterly. Grand Rapids Furniture Record Co., Grand Rapids, Mich. \$1
- Furniture, Manufacturer and Artisan.** Monthly. Grand Rapids Furniture Record Co., Grand Rapids, Mich. \$1
- National Builder.** Monthly. 537 S. Dearborn st., Chicago, Ill. \$1.50

Wood Craft. Monthly. Cardner Printing Co., Caxton bldg., Cleveland, Ohio. \$1

Bricklaying and concrete work

Brickbuilder and Architectural Monthly. Rogers & Manson, 85 Water st., Boston, Mass. \$5

Concrete and Cement Age. Monthly. 97 Fort st. W., Detroit, Mich. \$1

Metalworking

American Blacksmith. Monthly. American Blacksmith Co., New Sidway bldg., Buffalo, N. Y. \$1

American Machinist. Weekly. Hill Pub. Co., 505 Pearl st., New York City. \$4

Foundry. Monthly. Penton Pub. Co., Penton bldg., Cleveland, O. \$1

Machinery. Railway ed. Monthly. Industrial Press, 49-55 Lafayette st., New York City. \$2

Shop ed. Monthly. Industrial Press, 49-55 Lafayette st., New York City. \$1

Plumbing

Merchant, Plumber and Fitter. Semimonthly. 200 Fifth av., New York City. \$1

Metal Worker, Plumber and Steam Fitter. Weekly. David Williams Co., 239 W. 29th st., New York City. \$2

Plumbers Trade Journal. Semimonthly. 45 W. 34th st., New York City. \$1

Electrical

Electrical World. Weekly. McGraw Pub. Co., 239 W. 39th st., New York City. \$3

Electric Journal. Monthly. A. H. McIntire, 200 9th st., Pittsburgh, Pa. \$1.50

Printing

American Printer. Monthly. Oswald Pub. Co., 25 City Hall pl., New York City. \$3

Graphic Arts. Monthly. 85 Broad st., Boston, Mass. \$3

Inland Printer. Monthly. 632 S. Sherman st., Chicago, Ill. \$3

Printing Art. Monthly. Univ. Press, Nutting pl., Cambridge, Mass. \$3

School publications

- Artisan, The.** State Trade School, Bridgeport, Conn.
- Apprenticeship Bulletin.** School of Printing, North End Union, Boston, Mass.
- Apprentice Printer, The.** U. T. F. C. A., School of Printing, Indianapolis, Ind.
- Ben Franklinite.** School of Printing, Michigan and Tupper Streets, Buffalo, N. Y.
- Industry.** Newton Independent Industrial School, Newton, Mass.
- North Star.** The North Elementary Industrial School, Pittsburgh, Pa.
- Occasional Suggestions.** Worcester Trade Schools, Worcester, Mass.
- Right Angle.** Rochester Shop School, Rochester, N. Y.
- Southern Workman.** Hampton Normal and Agricultural Institute, Hampton, Va.
- Vocationist.** Vocational Department, State Normal School, Oswego, N. Y.
- Worker.** Boys Industrial School, Newark, N. J.

LIST OF PUBLISHERS

- Aetna Life Insurance Company, Hartford, Conn.
- Allyn & Bacon, 172 Tremont st., Boston, Mass.
- American Book Company, 100 Washington sq., E., New York City.
- American School of Correspondence, 58th st. and Drexel av., Chicago, Ill.
- American School of Home Economics, 506 W. 69th st., Chicago, Ill.
- D. Appleton & Company, 29 W. 32d st., New York City.
- Arti-Stain Company, 147 Columbus av., Boston, Mass.
- Association Press, 124 E. 28th st., New York City.
- Atkinson, Mentzer Company, 318 W. Washington st., Chicago, Ill.
- H. C. Baird & Company, 810 Walnut st., Philadelphia, Pa.
- A. S. Barnes Company, 381 Fourth av., New York City.
- F. D. Beatty Company, 393-99 Lafayette st., New York City.
- H. G. Bishop, Oneonta, N. Y.
- Blackie & Son, 16 Stanhope st., Glasgow, Scotland.
- P. Blakiston Sons & Company, 1012 Walnut st., Philadelphia, Pa.
- Cassell & Company, 43 E. 19th st., New York City.
- Century Company, 33 E. 17th st., New York City.
- Charities Publishing Company, 105 E. 22d st., New York City.
- C. M. Clark Publishing Company, 211 Tremont st., Boston, Mass.

Clifford & Lawton, 1 E. 28th st., New York City.
 Constable & Company (E. P. Dutton Company, American agent).
 W. T. Comstock Company, 23 Warren st., New York City.
 Dodd, Mead & Company, 443 Fourth av., New York City.
 Dodge Publishing Company, 214 E. 23d st., New York City.
 Doubleday, Page & Company, Garden City, N. Y.
 Duffield & Company, 36 W. 37th st., New York City.
 E. P. Dutton Company, 681 Fifth av., New York City.
 Estes, Dana & Company, 208 Summer st., Boston, Mass.
 Farnsworth Publishing Company, 215 W. 23d st., New York City.
 R. F. Fenno & Company, 18 E. 17th st., New York City.
 F. A. Fernald Company, 1141 12th st., N. W., Washington, D. C.
 A. Flannigan Company, 521 S. Wabash av., Chicago, Ill.
 Gas Engine Publishing Company, 229 E. 7th st., Cincinnati, Ohio.
 Ginn & Company, 29 Beacon st., Boston, Mass.
 Edith Greer, Southwest Harbor, Me.
 Harper & Brothers, Franklin sq., New York City.
 D. C. Heath & Company, 120 Boylston st., Boston, Mass.
 N. W. Henley Publishing Company, 132 Nassau st., New York City.
 Hill Publishing Company. *See* McGraw-Hill Book Company.
 Henry Holt & Company, 34 W. 33d st., New York City.
 Houghton Mifflin Company, 4 Park st., Boston, Mass.
 Industrial Education Book Company, Boston, Mass.
 Industrial Press, 49 Lafayette st., New York City.
 Inland Printer Company, 623 Sherman st., Chicago, Ill.
 International Textbook Company, Scranton, Pa.
 Jacobs Company, Washington sq., Philadelphia, Pa.
 E. S. Keene, Agricultural College, N. D.
 John Lane Company, 116 W. 32d st., New York City.
 J. B. Lippincott Company, Washington sq., Philadelphia, Pa.
 Little, Brown & Company, 34 Beacon st., Boston, Mass.
 Longmans, Green & Company, 443 Fourth av., New York City.
 Lothrop, Lee & Sheppard, 93 Federal st., Boston, Mass.
 The Macmillan Company, 66 Fifth av., New York City.
 McBride, Nast & Company, 31 E. 17th st., New York City.
 H. C. McClurg & Company, 330 E. Ohio st., Chicago, Ill.
 McGraw-Hill Book Company, 230 W. 39th st., New York City.
 David McKay, 604 Washington sq., Philadelphia, Pa.
 Manual Arts Press, Peoria, Ill.
 Millinery Trade Publishing Company, 1182 Broadway, New York City.
 Muncie Normal Institute, Muncie, Ind.

- Munn & Company, 361 Broadway, New York City.
Oswald Publishing Company, 25 City Hall pl., New York City.
Pittsburgh Survey, published by Charities Publishing Co., 105 E. 22d st., New York City.
Prang Education Co., 1 W. 34th st., New York City.
Printers Publishing Company, Oklahoma City, Okla.
Pratt Institute, Brooklyn, N. Y.
Progress Company, 515 Rand McNally bldg., Chicago, Ill.
G. P. Putnam & Sons, 2 W. 45th st., New York City.
Radford Architectural Company, 178 Fulton, st., New York City.
Rand-McNally Company, 42 E. 22d st., New York City.
Redfield Brothers, 311 W. 42d st., New York City.
M. T. Richardson Company, 27 Park pl., New York City.
W. B. Saunders Company, 925 Walnut st., Philadelphia, Pa.
School of Printing, North End Union, Boston, Mass.
Scott, Foresman & Company, 623 S. Wabash av., Chicago, Ill.
Charles Scribner's Sons, 599 Fifth av., New York City.
Silver, Burdett & Company, 239 W. 39th st., New York City.
Shelden University Press, Libertyville, Ill.
A. M. Smith, c/o The John C. Winston Company, Philadelphia, Pa.
Standard Sanitary Manufacturing Company, Pittsburgh, Pa.
Frederick A. Stokes, 443 Fourth av., New York City.
Taylor Holden Company, Springfield, Mass.
University of Chicago Press, 58th st. and Ellis av., Chicago, Ill.
University Press, Manchester, England.
Valte, 525 W. 120th st., New York City.
D. Van Nostrand Company, 25 Park pl., New York City.
Whitcomb & Barrows, Huntington Chambers, Boston, Mass.
John C. Winston Company, 1006 Arch st., Philadelphia, Pa.
John Wiley & Sons, 432 Fourth av., New York City.
David Williams Company, 239 W. 29th st., New York City.

